ACQUISITION LOGISTICS CENTER

LSA TODAY

LOGSA, DOD Log Engr Div

A/O : Jay Lasher, 205 955 9837

COURSE OUTLINE

- LMI Overview
- Handbook 502
- Practical Exercise 1: Develop System Specification
  - Team Report Outs on Workshop 1
- Practical Exercise 2: Develop LMI Worksheets 1 and 2
  - Team Report Outs

ACQUISITION LOGISTICS CENTER

Logistic Management Information Performance Specification MIL-PRF-49506 11 Nov 96

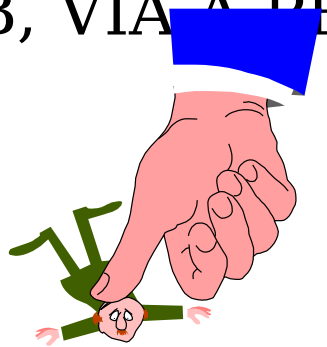
Jay Lasher, Log Engr Div

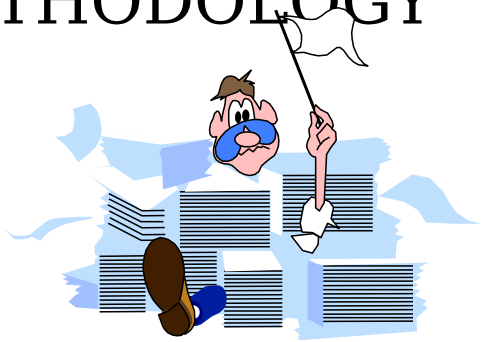
OUTLINE

- MIL-STD-1388-1A and 2B
- ACQUISITION REFORM
- DSIC GUIDANCE
- PHILOSOPHY OF LMI SPECIFICATION
- TWG ACTIVITIES
- WHAT A SPECIFICATION CAN AND CAN NOT DO
- CONTENT OF LMI
  - SUPPORTABILITY ANALYSIS SUMMARIES
  - DATA PRODUCTS
- DIFFERENCES
- HELPERS

MIL-STD-1388-1A

- ANALYTICAL PROCESS USED DURING THE ACQUISITION PHASES TO DEVELOP LOGISTICS SUPPORT
- CONSISTED OF 15 TASKS AND 89 SUBTASKS
- TOLD THE CONTRACTOR HOW TO DO HIS JOB, VIA A PRESCRIBED METHODOLOGY





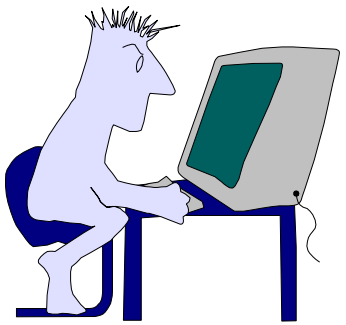
REVISION TO MIL-STD-1388-1A

- CANCELLED AFTER DEVELOPMENT OF HANDBOOK, JUNE 97

- HANDBOOK PROVIDES GUIDANCE ON:
  - SUPPORTABILITY ANALYSIS WITHIN SYSTEMS ENGINEERING FRAMEWORK
  - DEVELOPING GOOD LOGISTICS REQUIREMENTS
  - LMI GUIDANCE
  - INCORPORATING LOGISTICS REQUIREMENTS INTO UNIFORM CONTRACT FORMAT
  - LOGISTICIANS WITH THE IPT PROCESS

MIL-STD-1388-2B

- 104 Relational tables
- 48 Standard reports
- Validation Required
- Mandatory
- Told the contractor how to, following a specified methodology
- Excessive oversight



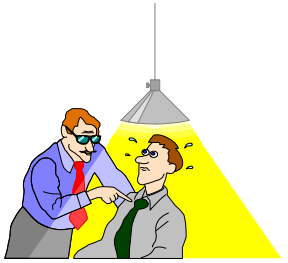
REVISION OF MIL-STD-1388-2B

- CANCELLED AFTER DEVELOPMENT OF PERFORMANCE SPECIFICATION, NOV 96

- SPEC ONLY CONTAINS:
  - FORMAT FOR DATA DELIVERY
  - SUPPORTABILITY ANALYSIS SUMMARIES
  - DATA ELEMENTS WHICH ARE USED IN SUPPORT OF GOVERNMENT PROCESSES

REVISION OF MIL-STD-1388-2B CONT.

- SPEC DOES NOT CONTAIN EXCESSIVE:
  - OVERSIGHT DATA
  - REFERENCES TO OTHER STANDARDS
  - GUIDANCE ON HOW TO DEVELOP DATA
  - DATA ITEM DESCRIPTIONS (DIDs)



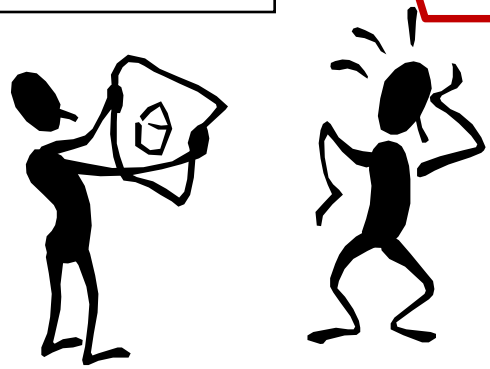
DR. PERRY'S GUIDANCE JUN 94

- INSTITUTE POLICY CHANGES
  - LEVY PERFORMANCE-BASED REQUIREMENTS
  - USE INNOVATIVE CONTRACT MANAGEMENT TECHNIQUES
- TAKE NEW DIRECTIONS
  - REDUCE MANAGEMENT AND PROCESS STANDARDS
  - REDUCE CONTRACTOR OVERSIGHT
- FOSTER CULTURAL CHANGE
  - CHALLENGE STATUS QUO
  - TRAIN PERSONNEL
- REVIEW ALL SPECIFICATIONS AND STANDARDS

ACQUISITION REFORM PERFORMANCE SPECIFICATIONS

- DOD WILL RELY ON COMMERCIAL PRODUCTS AND PROCESSES
- DOD WILL RELY ON PERFORMANCE SPECIFICATIONS
- CONTRACTORS ENCOURAGED TO OFFER ALTERNATIVES TO SPECIFICATIONS

Acquisition Reform



- Perry's Memo
  - initial response, EGADS
  - 1A and 2B suspended, EGADS

- Did it stop us from doing our job?
  - NO!!!!!

DSIC GUIDANCE

- REMOVE “HOW TO” REQUIREMENTS
- REDUCE MILITARY UNIQUE REQUIREMENT
- REMOVE EXCESSIVE GOVERNMENT OVERSIGHT

PHILOSOPHY

- BUY ONLY DATA THAT ACTUALLY POPULATES A GOVERNMENT DATA BASE.
- DON'T BUY DATA WHICH IS ONLY USED FOR GOVERNMENT OVERSIGHT OR WHICH DUPLICATES DATA IN ANOTHER SPECIFICATION.

PHILOSOPHY (cont.)

- ALLOW CONTRACTOR TO OFFER SUGGESTIONS ABOUT THE MECHANICS OF DATA DELIVERY.
- TELL CONTRACTOR WHAT YOU WANT, BUT NOT HOW TO DEVELOP IT.

TWG ACTIVITY

- JOINT SERVICE TWG MEMBERS
  - ARMY
  - NAVY
  - AIRFORCE
  - MARINE CORPS
  - INDUSTRY
- ELIMINATED 70% OF DATA ELEMENTS
- ESTABLISHED INFORMATION SUMMARIES IN CONTRACTOR (preferred) OR GOVERNMENT FORMAT (SPECIFIES WHAT AND WHY, BUT NOT HOW)

PERFORMANCE SPECIFICATION

- DOES
  - allow you to get data products
  - allow you to get summaries
- DOES NOT
  - allow you to tell the contractor how to do his job

LMI

- DEFINES DATA ELEMENTS FOR PROVISIONING, CATALOGING, AND SUPPORT EQUIPMENT
- USED TO ASSESS DESIGN, DESIGN THE SUPPORT STRUCTURE, AND DEVELOP ILS PRODUCTS
- DESIGN FOR MAXIMUM FLEXIBILITY AND MINIMUM PROGRAM OVERSIGHT

CONTENT OF LMI

- Section 1 Scope
- Section 2 Applicable Documents
- Section 3 Requirements
- Section 4 Verification
- Section 5 Packaging
- Section 6 Notes

CONTENT OF LMI (CONT)

- Appendix A Supportability Analysis Summaries (SAS)
  - Allows government to obtain information during acquisition, from industry, to perform in-house logistics planning to insure that a cost effective, efficient support structure is in place upon fielding of the system.
- Appendix B Data Product Dictionary
  - Allows government to obtain data products from industry which will feed our in-house data (provisioning and support equipment) systems.
  - Appendix C Acronym List
  - Mandatory

SECTIONS 1 & 2

- SCOPE. The principle focus of this specification is on providing DOD with a contractual method for acquiring support and support related engineering and logistics data from contractors.
- APPLICABLE DOCUMENTS. Referenced Specifications, Standards and Handbooks

SECTION 3 REQUIREMENTS

- Supportability Analysis Summaries (SAS)
  - provides information for planning, assessing program status, and decision making.
- LMI Data Product
  - is used to populate the government ADP systems.

SECTION 3 REQUIREMENTS SAS

- SAS - Level of Detail
  - The contractor shall provide SAS in the format and to the level of detail specified on contract.
- SAS - Current Design Configuration
  - The contractor shall provide SAS information which reflects current design configuration.

SECTION 3 REQUIREMENTS DATA PRODUCT

- Data Product - Level of Detail
  - Contractor shall provide data to the level of detail specified on contract.
- Data Product - Current Design Configuration
  - Contractor shall provide data which reflects current design configuration.

SECTION 4 VERIFICATION

- Supportability Analysis Summaries
  - This is used to verify the summaries accuracy and detail, so that the information obtained on these summaries are what is needed by the government.
  - LMI Data Products
  - The data products must be verified, so that the government is satisfied with its data product.

SECTION 4 VERIFICATION SAS

- SAS - Level of Detail
  - The summaries will be verified by the government to ensure they reflect the required level of detail as specified on contract. Verification criteria for level of detail shall be specified in the contract.
  - SAS - Accuracy Verification
  - The summaries will be verified by the government to ensure they accurately reflect the current design configuration. The criteria for this verification shall be specified in the contract.

SECTION 4 VERIFICATION DATA PRODUCT

- Data Product - Level of Detail
  - The data product will be verified by the government to ensure that it is documented to the level of detail specified on contract. Verification criteria for level of detail shall be specified in the contract.
  - Data Product - Accuracy Verification
  - The data product will be verified by the government to ensure that it accurately reflects the current design configuration. The criteria for this verification shall be specified in the contract.

SECTIONS 5 &6

- PACKAGING. Not applicable.
- NOTES. This section contains information of a general or explanatory nature.
  - Use
  - DIDS
  - Definition
  - Guidance

APPENDIX A, SAS

- Maintenance Planning
- Repair Analysis
- Support and Test Equipment
- Supply Support
- Manpower, Personnel, and Training
- Facilities
- Packaging, Handling, Storage, and Transportation
- Post Production Support

APPENDIX A, SAS WORKSHEET 1

- Summary Title
- Specific Instructions
- Data IN the LMI
- Data NOT IN the LMI
  - Data Title, definition, and format
- Summary Layout

APPENDIX B, LMI DPD

- Alphabetic Sequence, Numbered.
  - Associated Names
- Definitions
- Formats
- Data Codes

APPENDIX B, LMI DPD WORKSHEET 2

- Data Product Deliverable
- Data Element Titles
- Select option
- Additional Information

DIDS Cancelled

- ALL -1A and -2B DIDS Including
  - DI-ILSS-81285 Provisioning Technical Documentation
  - DI-ILSS-81289 Engineering Data for Provisioning

What does this mean?

- You will have to contract differently
- You can still get the data you need
- You can still get it in a format that can load into your Provisioning system. (Although it may be in -2A or 1552 format!).
- The contractor will probably still be using a 1388 system to deliver you the data

What do I do to get PTD, Parts Lists, etc?

- Use the LMI and tailor it to your liking.
- Use the LMI Summary DIDS to obtain summaries of data that must be reviewed prior to delivery.
- Use the LMI Summary DID to specify a format for Delivery! (if it works do it)
- Use the LMI Data DID to specify data needed.

LMI DIDs

- DI-ALSS-81529 - Logistics Management Information (LMI) Data Product(s)
- DI-ALSS-81530 - LMI Summaries

DI-ALSS-81529 LMI Data Product

- Used to get the data needed to feed a downstream system
- Cannot use this to specify format of data
- Should state in the contract that this data must load into CCSS with a certain percent accuracy
- State what will measure the accuracy

Insert

- DID 81529 Hardcopy

DI-ALSS-81530 - LMI Summaries

- Used to assess the progress of the data
- Used to review other functional areas (i.e, RAM, Facilities, etc)
- Can specify a format. ***

- Insert DID 81530

How do I get EDFP?

- Use the following Standards for your EDFP drawings
  - MIL-DTL-31000A, Tech Data Packages
  - MIL-STD-100G, DOD Standard Practice for Engineering Drawings
  - (you can get these at http://www.acq.osd.mil/cals/specstds.html#specifications)

Associated DIDs

- DI-DRPR-81000A
- DI-DRPR-81001A
- DI-DRPR-81002A
- DI-DRPR-81003A
- DI-DRPR-81004A
- DI-DRPR-81008A
- DI-DRPR-81010A
- DI-DRPR-81011A
- DI-DRPR-81012A

DI-DRPR-81000A

- Section 10.2 of this DID states
  - "These drawings shall…"Provide the Engineering data for Logistics Support Products"
- and Section 7.2 states it is for the EMD phase and subsequent phases of the DOD material life cycle.

DIFFERENCES 1

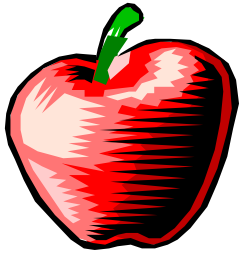
MIL-STD-1388-2B	LMI SPEC
DETAILED DESIGN STANDARD THAT DICTATES A PROCESS	PERFORMANCE SPECIFICATION THAT DESCRIBES THE PRODUCT BUT NOT THE PROCESS FOR DEVELOPING DATA AND INFORMATION
604 PAGES	79 PAGES (87% REDUCTION)
518 DATA ELEMENTS	159 DATA ELEMENTS (69% REDUCTION)
49 DIDs	2 DIDs (96% REDUCTION)
48 FORMAT AND CONTENT SENSITIVE REPORTS	8 FUNCTIONAL AREA REPORTS CONTRACTOR FORMAT ACCEPTABLE.
LEVEL	OF DETAIL NEGOTIABLE

DIFFERENCES 2

MIL-STD-1388-2B	LMI SPEC
VALIDATION REQUIRED FOR SOFTWARE TO SUPPORT THE STANDARD	NO VALIDATION REQUIRED
REQUIRED FOR ALL ACQUISITIONS	NOT REQUIRED. PROGRAM DISCRETION
INCLUDES OVERSIGHT AND PRODUCT DATA	INCLUDES ONLY PRODUCT DATA
RIGID DETAILED REQUIREMENTS THAT MUST BE FOLLOWED PRECISELY FOR DELIVERY OF DATA	ENCOURAGES CONTRACTOR ALTERNATIVES FOR DEVELOPMENT AND DELIVERY OF DATA
104 DATA TABLES	NO DATA TABLES (100% REDUCTION)

FOSTERING NEW CULTURE

- MAX verses MIN



- PM empowerment
  - Creative

HELPER DOCUMENTS

- ACQUISITION LOGISTICS HANDBOOK (DOD), MIL-HDBK-502, APPROVED MAY 30 97
- DA-700-XX, SUPPORTABILITY HANDBOOK
- OTHER SERVICES ACQUISITION LOGISTICS GUIDANCE DOCUMENTS

SERVICES, PRODUCTS AND TOOLS

- SERVICES AND PRODUCTS
  - **Program Documents: preparation and review**
    - SOW, logistics portion of the system requirements spec, worksheets 1 and 2
  - **Analyze and develop program data**
    - Maintenance Planning -Repair Analysis
    - Support and Test Equipment -Supply Support
    - Manpower, Personnel and Training -Facilities
    - Post Production Support -PHS&T
- TOOLS
  - PCLSAR & POWER Log - Data Management
  - COMPASS - Support System Analysis/Verification
  - LOGPARS - Program Management

HELP!!!??

- INTERNET:
  - URL:www.logpars.army.mil/alc/logengr.htm
- EMAIL: jlasher@logsa.army.mil
- PHONE:
  - HOT LINE: 1-800-553-0764
  - MR. LASHER: (205) 955-9837